

## CLAIM AMENDMENTS

Claim 1. (Currently Amended) A method comprising:  
*Hub. 1*  
positioning a plurality of wireless tags around a facility;  
providing a sensor, associated with a user tag, said sensor to sense the tags to determine the position of the a user in the facility;  
wirelessly linking a plurality of shopping carts within a retail facility through a local area network based in the retail facility; and  
enabling the carts to communicate with one another through the network.

Claim 2. (Cancelled)

Claim 3. (Currently Amended) The method of claim 1 2 including providing a processor-based device on a shopping cart to retail customers that wirelessly communicates with said server.

*E/*  
Claim 4. (Currently Amended) The method of claim 1 2 including pushing information to the cart depending on the cart's current location.

Claim 5. (Original) The method of claim 1 including providing a plurality of sensors associated with the user, each sensor to sense the tags to determine the position of the user in the facility.

Claim 6. (Original) The method of claim 1 including providing said sensor on a shopping cart.

Claim 7. (Original) The method of claim 1 including receiving identifying information from each of a plurality of wireless tags.

Claim 8. (Original) The method of claim 7 including providing said information from said wireless tags to a server.

Claim 9. (Original) The method of claim 7 including using said information from said wireless tags to determine the current location of the user.

Claim 10. (Cancelled)

Claim 11. (Previously Amended) An article comprising a medium storing instructions that enable a processor-based system to:

receive information from a plurality of wireless tags distributed about a facility;

analyze information from the tags to determine the current location of a user;

wirelessly link a plurality of shopping carts within the retail facility through a local area network based in the retail facility; and

enable the carts to exchange information among the carts through said network.

Claim 12. (Cancelled)

Claim 13. (Currently Amended) The article of claim 11 12 further storing instructions that enable the processor-based system to provide information about the current location of a processor-based device associated with a cart.

Claim 14. (Original) The article of 13 further storing instructions that enable the processor-based system to determine the cart's location.

Claim 15. (Original) The article of claim 14 further storing instructions that enable the processor-based system to push information to a cart depending on the cart's current location.

Claim 16. (Currently Amended) The article of claim 11 12 further storing instructions that enable the processor-based system to receive information from a plurality of sensors associated with the user, and extract position information from a plurality of tags sensed by each of the plurality of sensors to determine the position of the user.

Claim 17. (Original) The article of claim 11 further storing instructions that enable the processor-based system to receive identifying information from each of a plurality of wireless tags.

Claim 18. (Original) The article of claim 17 further storing instructions that enable the processor-based system to provide said information from said wireless tags to a server.

Claim 19. (Original) The article of claim 17 further storing instructions that enable the processor-based system to use the information from the wireless tags to determine the current location of the user.

Claim 20. (Cancelled)

Claim 21. (Currently Amended) A system comprising:

a plurality of wireless tags;  
a wireless sensor associated with a user;  
a processor associatable with a user; and  
a storage coupled to said processor to determine the user's current position based on information from said tags, and, to wirelessly link a plurality of shopping carts within a retail facility through a local area network based in the retail facility and enable the carts to exchange information between themselves through said network.

Claim 22. (Original) The system of claim 21 further including a wireless transceiver.

Claim 23. (Original) The system of claim 21 further including an interface to enable network communications.

Claim 24. (Original) The system of claim 21 wherein each of said wireless tags provides an identifying code to said wireless sensor.

Claim 25. (Original) The system of claim 21 including a plurality of wireless sensors associated with the user.

Claim 26. (Original) The system of claim 21 including a shopping cart, said wireless sensor and said processor mounted on said shopping cart.

Claim 27. (Original) The system of claim 21 including a wireless interface to communicate with a network.

Claim 28. (Original) The system of claim 27 wherein said processor forwards information from said tags through said wireless interface to said network.

Claim 29. (Original) The system of claim 21 including a server coupled to said network, said server receiving position identifying information from said sensor and providing advertising information to said processor.

Claim 30. (Cancelled)

Claim 31. (Previously Added) The method of claim 1 including providing a route from the user's current position to a requested destination within said facility.

Claim 32. (Previously Added) The article of claim 11 storing instructions that enable the processor based system to provide information about the route traveled from the user's current position to a requested destination.